

# **The optimal conditions for the correlation of object pulse temporary form with the stimulated photon echo response in the presence of external spatial inhomogeneous electric fields**

Garnaeva G., Nefediev L., Hakimzyanova E., Nefedieva K.  
*Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia*

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## **Abstract**

The influence of external spatially inhomogeneous electric fields on the reproducibility of the information and effectiveness of stimulated photon echo responses locking at different encoding information in the object laser pulses are investigated. © 2014 Astro Ltd.

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## **Keywords**

external space non-uniform non-resonant laser pulses, information locking, photon echo, relaxation processes, spatial non-uniform electromagnetic fields, time of response